

EXHIBIT 1



US00D968311S

(12) **United States Design Patent** (10) **Patent No.:** **US D968,311 S**
Kuang (45) **Date of Patent:** **** Nov. 1, 2022**

(54) **ROOF RACK CROSSBAR**

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(72) Inventor: **Xingqin Kuang**, Tianrun (CN)

(**) Term: **15 Years**

(21) Appl. No.: **29/823,358**

(22) Filed: **Jan. 17, 2022**

(51) **LOC (13) Cl.** **12-16**

(52) **U.S. Cl.** **D12/412**
 USPC **D12/412**

(58) **Field of Classification Search**
 USPC D12/406-414; D3/35; D6/317-319,
 D6/513-514; D32/58
 CPC B62J 9/003; B62J 7/06; B62J 9/001
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D515,496 S	2/2006	Rakow	
D538,219 S	3/2007	Rakow	
D568,231 S	5/2008	Frischer	
D626,059 S	10/2010	Jackson	
D633,031 S	2/2011	Robertson	
D709,818 S *	7/2014	Zhang	D12/412
D792,833 S *	7/2017	Chan	D12/412
D855,551 S	8/2019	Shen	
D856,901 S	8/2019	Elliott	
10,384,587 B2 *	8/2019	Flaherty	B60P 3/1008
D873,760 S	1/2020	Connellan	
D877,686 S	3/2020	Connellan	
D878,277 S	3/2020	Connellan	
D879,012 S *	3/2020	Guo	D12/412

D895,529 S *	9/2020	Chang	D12/412
D895,530 S *	9/2020	Lathrop	D12/412
D906,225 S *	12/2020	Eriksson	D12/412
D908,072 S *	1/2021	Connellan	D12/412
D919,550 S *	5/2021	Teng	D12/412
D921,567 S *	6/2021	Pearce	D12/412
D921,568 S *	6/2021	Xia	D12/412
D929,930 S *	9/2021	Park	D12/406
D940,631 S *	1/2022	Gangappa	D12/412

* cited by examiner

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(57) **CLAIM**

The ornamental design for a roof rack crossbar, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a roof rack crossbar showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left devotional view thereof the right side view is identical;

FIG. 6 is a top side view thereof;

FIG. 7 is a bottom plan view thereof;

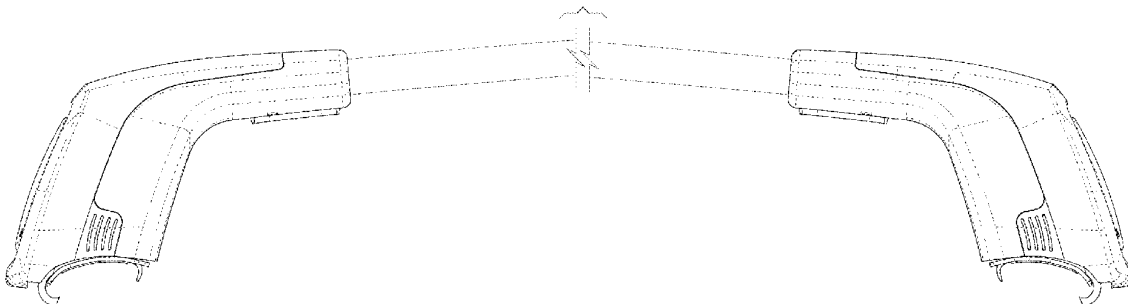
FIG. 8 is a partial enlarged view of FIG. 1;

FIG. 9 is a partial enlarged view of FIG. 2; and,

FIG. 10 is a partial enlarged view of FIG. 2.

The broken lines in the figures are for the purposes of illustrating portions of the roof rack crossbar, which form no part of the claimed design.

1 Claim, 10 Drawing Sheets



U.S. Patent

Nov. 1, 2022

Sheet 1 of 10

US D968,311 S

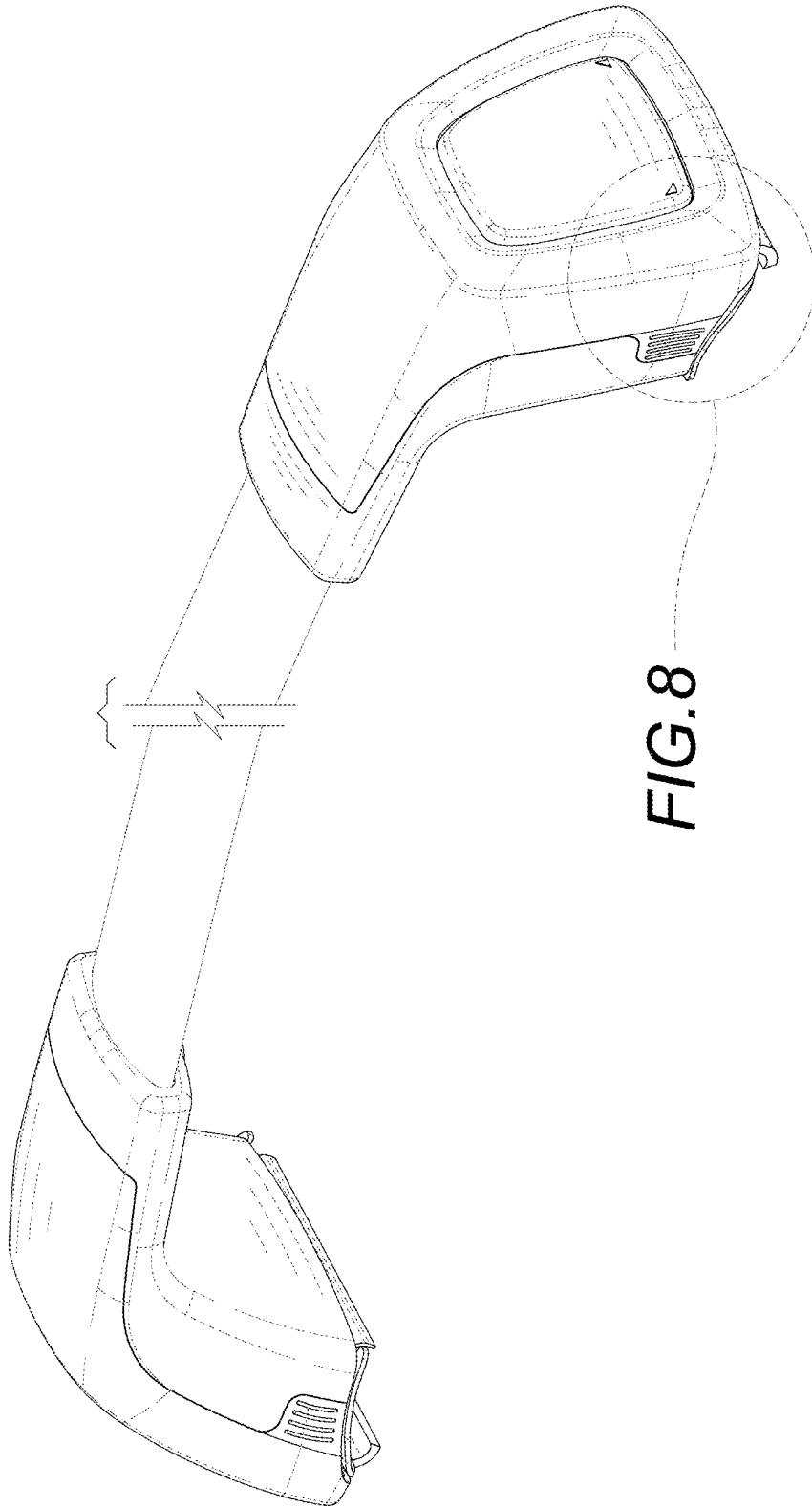


FIG. 8

FIG. 1

U.S. Patent

Nov. 1, 2022

Sheet 2 of 10

US D968,311 S

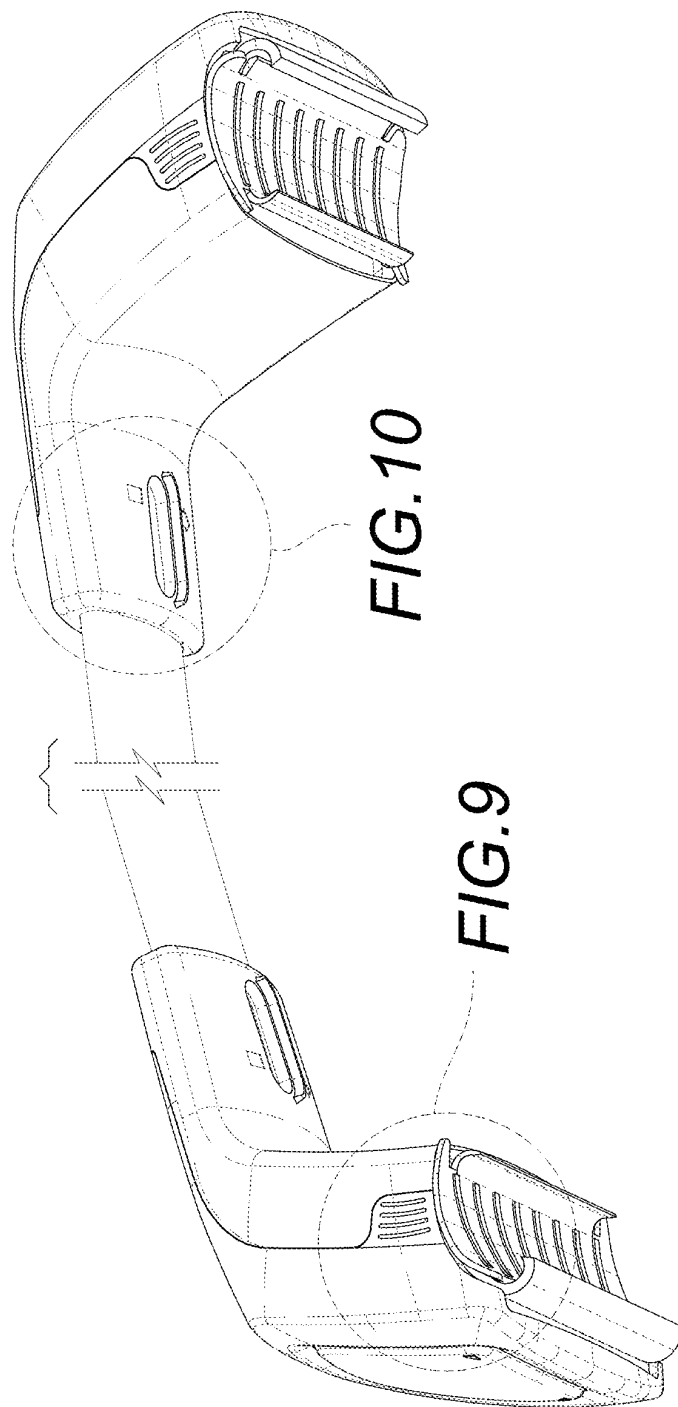


FIG. 10

FIG. 9

U.S. Patent

Nov. 1, 2022

Sheet 3 of 10

US D968,311 S

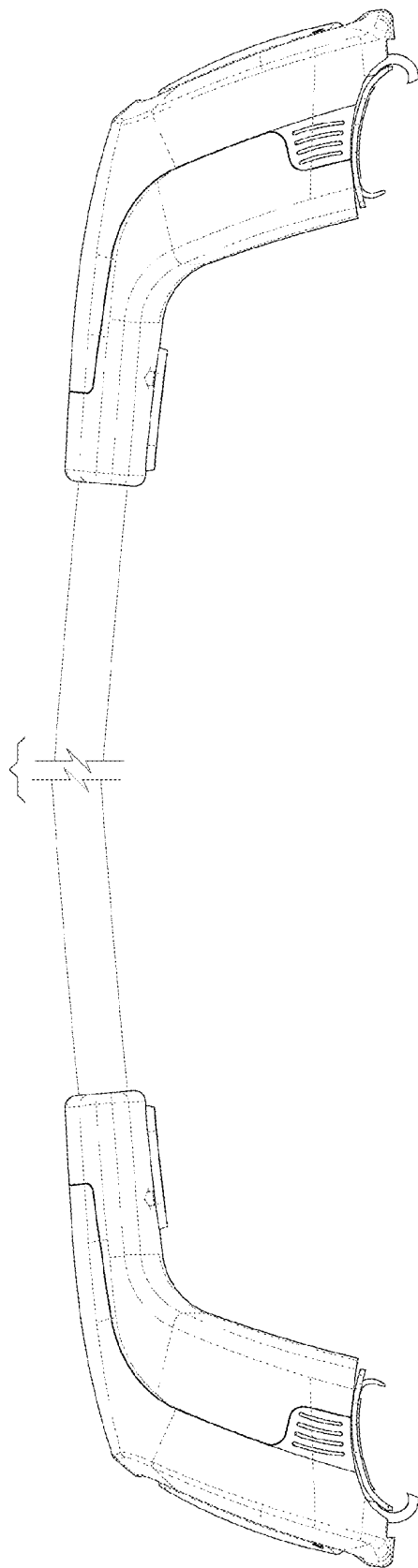


FIG. 3

U.S. Patent

Nov. 1, 2022

Sheet 4 of 10

US D968,311 S

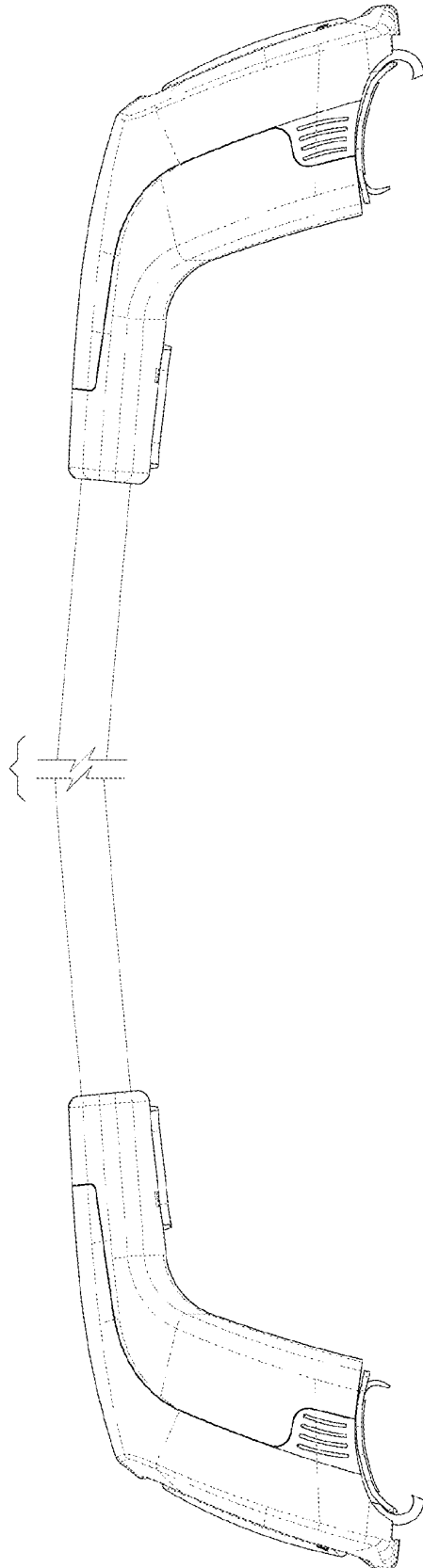


FIG. 4

U.S. Patent

Nov. 1, 2022

Sheet 5 of 10

US D968,311 S

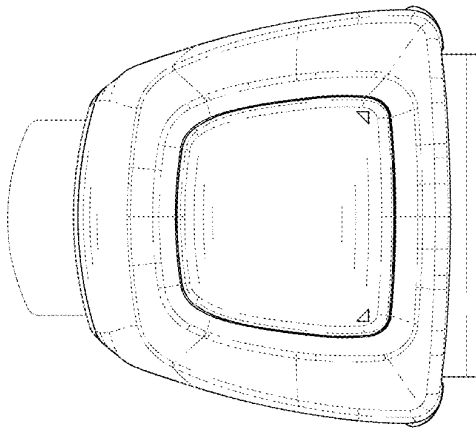


FIG. 5

U.S. Patent

Nov. 1, 2022

Sheet 6 of 10

US D968,311 S

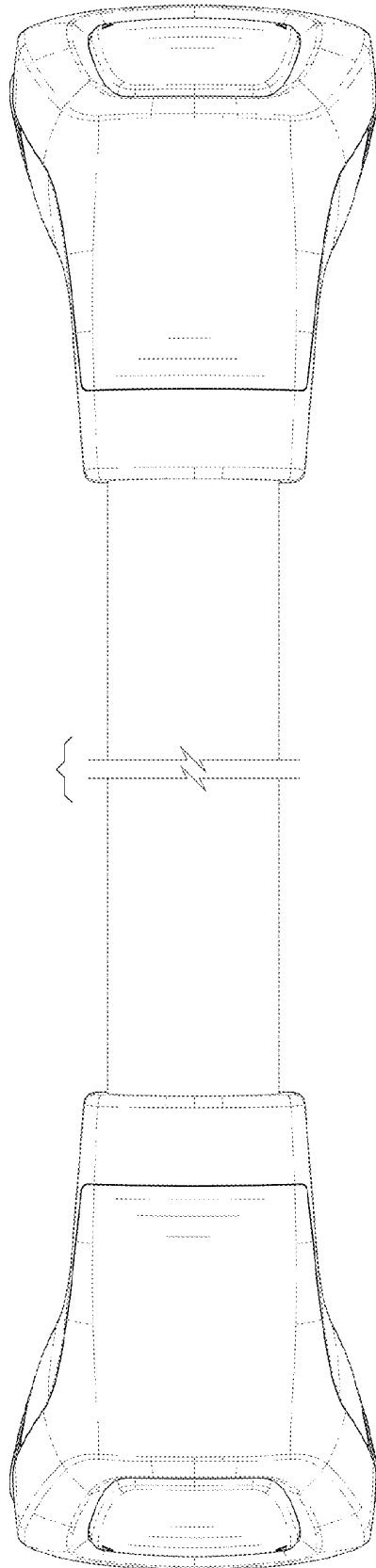


FIG. 6

U.S. Patent

Nov. 1, 2022

Sheet 7 of 10

US D968,311 S

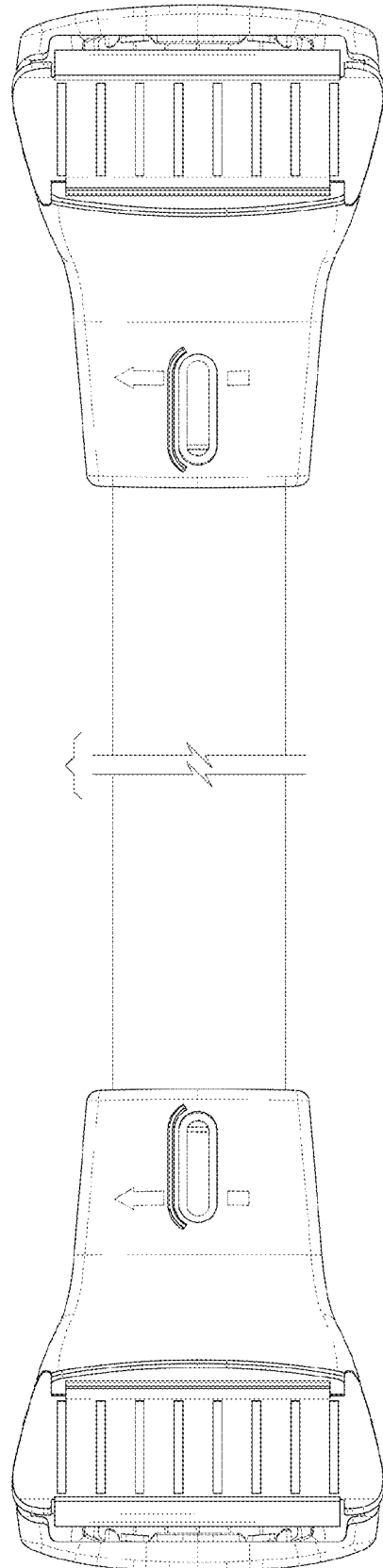


FIG. 7

U.S. Patent

Nov. 1, 2022

Sheet 8 of 10

US D968,311 S

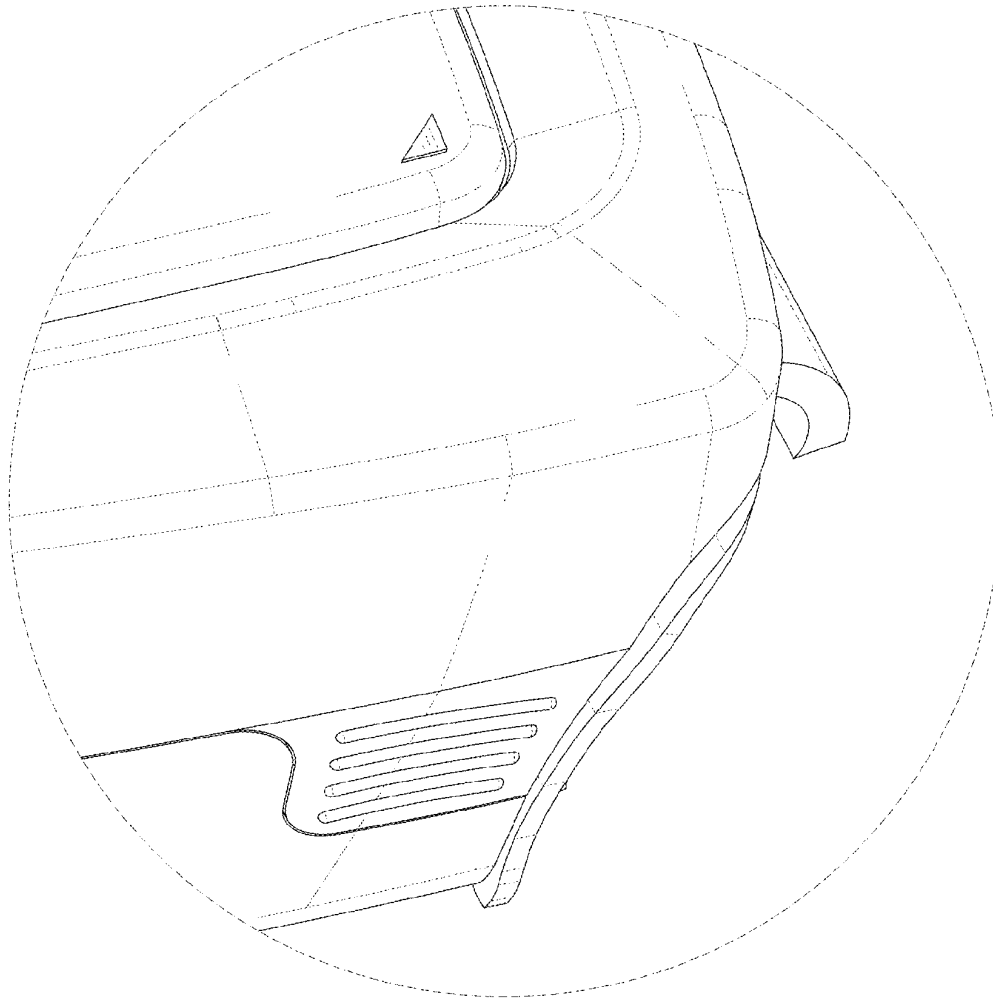


FIG. 8

U.S. Patent

Nov. 1, 2022

Sheet 9 of 10

US D968,311 S

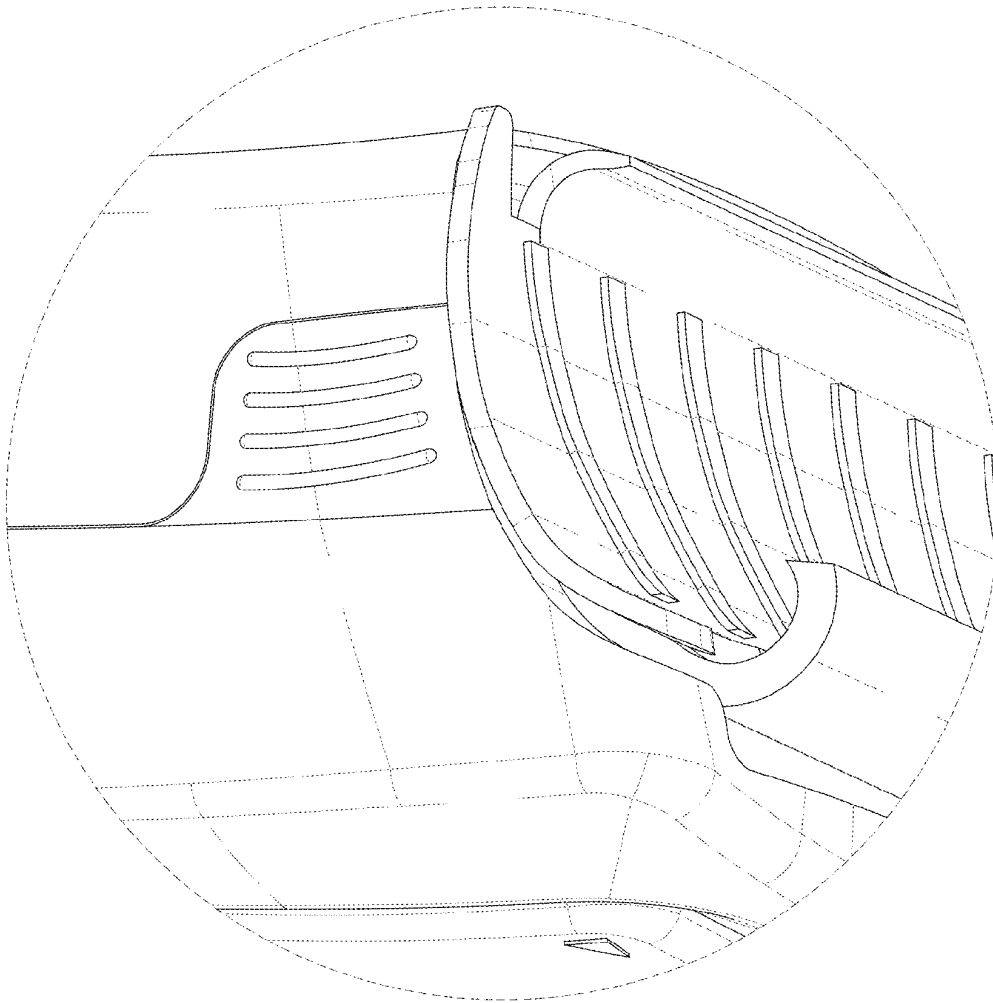


FIG. 9

U.S. Patent

Nov. 1, 2022

Sheet 10 of 10

US D968,311 S

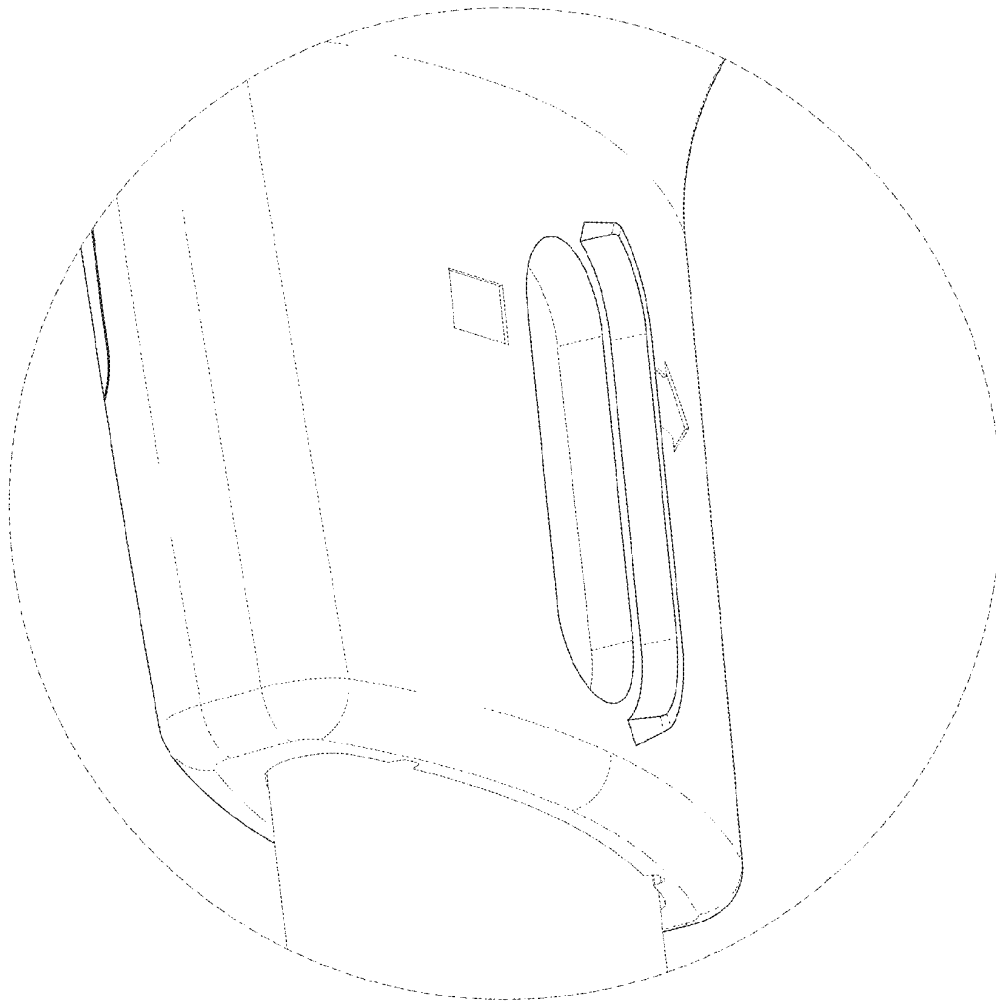


FIG. 10

PATENT ASSIGNMENT

Xingqin Kuang ("Assignor") is owner of U.S. Patent Number: USD968311S, issue dated November 1st, 2022, titled Roof Rack Crossbar, (the "Patent"). Peiqiong Li ("Assignee") desires to acquire rights in and to the Patent.

Therefore, for valuable consideration, the receipt of which is acknowledged, Assignor assigns to Assignee all right, title and interest in the invention and Patent, including the right enforce and recover damages for past infringement, to Assignee for the entire term of the Patent and any reissues or extensions and for the entire terms of any patents, reissues, or extensions that may issue from foreign applications, divisions, continuations in whole or part, or substitute applications filed claiming the benefit of the Patent. The right, title, and interest conveyed in this Assignment is to be held and enjoyed by Assignee and Assignee's successors as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made.

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Assignor Signature: Xingqin Kuang
Xingqin Kuang

Date: January 29, 2024

Assignee Signature: Peiqiong Li
Peiqiong Li

Date: January 29, 2024

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